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SUBJECT	Nickel Powder Production a in Chapayevsk	t Chemical Flant	NO OF PAGES	7
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	Tron Sie	Chapayavak railroad atation and about	2 km southerst
	of the chemical plant, line to Kuibyshev and c entered on the city plant passed a soccer field. extended into the plant	a track branched off from the double-extended rate the plant creat a second was not seen. A southeast-northwest a corker extlement and a hospital lock teres. In the north the plant cas convice curve around the plant. The river	truck railrowd d truck 25X1 road which cated in a park dened by a
2.	resignment. The nickel the plant. The shief of shop, buring the werk and, in 1948, colorant nickel shop, operation Electrostal Plant in Ex-	sined on the official plent designation on, alloyed, belonged to the main to the main the same the short of the main between the class and reportedly produced planed noids. As confirmed by Savist stantance 1948, produced nacked required gansk for the production of displangularding to the system coveleged by Fro	abonatory of the macked tro material described the by the macked the by the macked the m
<u> </u>	hours, and advised Sovi units which, at that the	ed the nicked generators for a police of het personnel in the correct operation ine, could not produce fine nicked pow dining with a too routh surface and a	of the two der. The nickel
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transmi these	cel powder sticking ission from the heat inner walls had been	ting jacket n nickel cos	to the heating ated and police	ng ch <u>amber. Af</u>		25X1
ene un:	its produced powder		*			25X1
	protective glass ; internal temperatur	pipe which o		o element equi t exact measur		
V2 0110						25X1
"Pyropi down me as the leaving The ste During were pr	ments were made to a nor". ore slowly which eff power was switched g still enough oxyge orage of nickel powd the period of obser- roduced, since all e experts how to impr	fected a slo off, CO was an there to ler mixed wi rvation, no afforts were	by letting ower oxidations fed into the produce an of ith alcohol pulsarge quantities concentrated	the nickel por n of the powde e nickel gener xide film on t roved to be in ties of nickel d on learning	wder cool dier. As soon rators the powder. npractical. I powder	25X1 25X1
guarded of the both M checks of 70 r	ckel shop was surroud. An MVD Sentry are plant entrance. Insure the members and not a to all plant members are checked. True at a river as a natural	ned with a saide the end armed, check rs. Even dep ne plant are	submachine guitrance, a Sov ked the gate partment chie ea was fenced	n was posted i iet woman and passes and gav is who were in	in front a soldier, se body n charge	25X1 25X1 25X1
The de		in Moscow s	a three year	contract for (Chapayevsk	
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activi	had been force years. The same thir ties, water analyses rdness.	ng happened	to most of h	is Soviet coli	ieagues	. 2

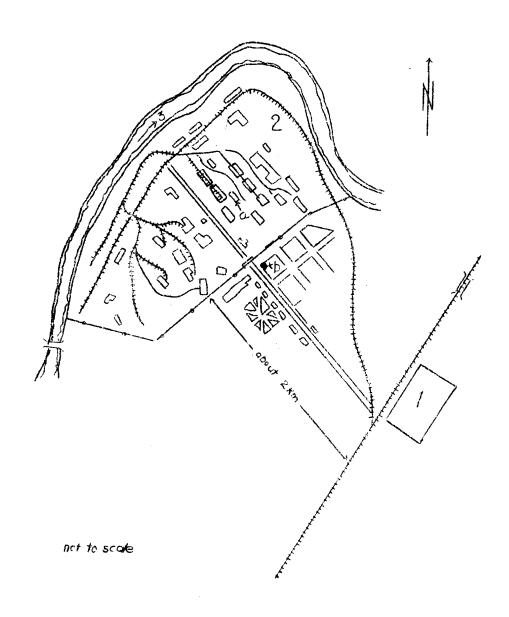
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CONCRETE

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1.

Sketch No. 1 Location of Chemical Plant in Chapayevsk



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		25X1
CONFIDENTIAL	*	
-5-	Annex 1	25X1
Location of Chemical Plant in Chapayevsk.	•	25 X 1
Legend:		
1 Chapayevsk railroad station		
2 Plant 102		
a, so-called nickel shop		
b. Quarters		25 X 1

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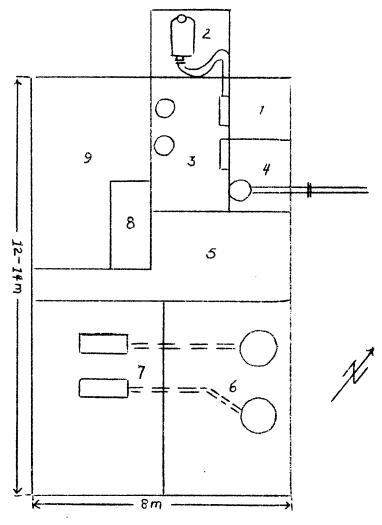
3 Chapayevka River

25X1

-6-

C-C-N-F-I-D-E-N-T~I-A-L

Sketch No. 2 Layout of Nickel Shop at Chemical Plant in Chapayevsk



not to scale

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25X1

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			25X1
	-7-	Annex 2	25X1
			25X1
<u>vav</u>	out of the nickel shop at the	he Chemical Plant in Chapayevsk.	
1.,	Switching station		
2.	another plant building by diameter. The compressor woof 600 centigrades and was	wer-type compressor which was connected means of a pipe line, about 100 mm in as heated to a constant inner temperatur to pump air out of the nickel generator remaining oxigen was gasified to be fedors.	*e *s
3.	Two nickel generators simi except for the 4-mm mild s which was made of metal an	lar to those used at the Ardenne Instituteel lining and the Wulf typ: container d not of glass.	ite,
4	3 1 4/ i	d with CO_2 or N_2 by an underground pipe	
5،	Miring room with a mixing	drum 1,000 mm long, and 6,000 mm in diam ally and was used to homogenize various	neter. sorts
ნ -	Autoclave room, equipped w	ith two autoclave units. eated there. No further information avai	25X1
7.	Pumping station with two connected to the autoclar units. (the information w	pumps, which might have possibly been res and pumped nickel powder into these ras given with reserve).	
8.,	Depot		25X1
9.	Office		

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25X1